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L17: Entry 1 of 1

File: DWPI

Feb 22, 1989

DERWENT-ACC-NO: 1989-055780

DERWENT-WEEK: 198908

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TITLE: Prodn. of solid anti-infectious compsns. - comprising imidazole deriv. in collagen matrix

INVENTOR: CHODKIEWIC, M M X; LEBLANC, D R F ; PELLION, B M L

PATENT-ASSIGNEE:

ASSIGNEE

CODE

SEPTODONT

SEPTN

PRIORITY-DATA: 1987FR-0011649 (August 17, 1987)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
EP 304374 A	February 22, 1989	F	008	
DE 3867569 G	February 20, 1992		000	
EP 304374 B	January 8, 1992		000	
ES 2038775 T3	August 1, 1993		000	A61K047/42
FR 2619506 A	February 24, 1989		000	

DESIGNATED-STATES: AT BE CH DE ES FR GB GR IT LI LU NL SE AT BE CH DE ES FR GB GR IT
LI LU NL SE

CITED-DOCUMENTS: EP 138216; EP 224453 ; EP 233429

APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
EP 304374A	August 17, 1988	1988EP-0402117	
ES 2038775T3	August 17, 1988	1988EP-0402117	
ES 2038775T3		EP 304374	Based on
FR 2619506A	August 17, 1987	<u>1987FR-0011649</u>	

INT-CL (IPC): A61K 31/41; A61K 31/415; A61K 37/12; A61K 47/42; A61L 15/03

ABSTRACTED-PUB-NO: EP 304374A

BASIC-ABSTRACT:

Prodn. of solid compsns. contg. an anti-infectious imidazole deriv. (I) is effected by dispersing non-denatured fibrous collagen in an aq. soln. of (I) and freeze drying the dispersion.

Pref. (I) is a 5-nitroimidazole, esp. metronidazole, ornidazole or tinidazole. Pref. the dispersion contains 1 pt. wt. collagen, 0.005-0.25 pt. wt. (I) and 45-200 pts. wt. H2O. It is formed by mixing in a mixer equipped with deflocculating turbine for at least 15 min at below 30 deg. C. After freeze drying the prod. is sterilised by

gamma irradiation.

USE/ADVANTAGE - The compsns. are esp. useful as compresses for treating parodontal disease. The process gives a uniform distribution of (I) in the collagen matrix without denaturing the collagen.

ABSTRACTED-PUB-NO:

EP 304374B

EQUIVALENT-ABSTRACTS:

Prod. of solid compsns. contg. an anti-infectious imidazole deriv. (I) is effected by dispersing non-denatured fibrous collagen in an aq. soln. of (I) and freeze drying the dispersion.

Pref. (I) is a 5-nitroimidazole, esp. metronidazole, ornidazole or tinidazole. Pref. the dispersion contains 1 pt. wt. collagen, 0.005-0.25 pt. wt. (I) and 45-200 pts. wt. H₂O. It is formed by mixing in a mixer equipped with deflocculating turbine for at least 15 min at below 30 deg. C. After freeze drying the prod. is sterilised by gamma irradiation.

USE/ADVANTAGE - The compsns. are esp. useful as compresses for treating parodontal disease. The process gives a uniform distribution of (I) in the collagen matrix without denaturing the collagen.

CHOSEN-DRAWING: Dwg.0/0 Dwg.0/0

TITLE-TERMS: PRODUCE SOLID ANTI INFECT COMPOSITION COMPRISE IMIDAZOLE DERIVATIVE
COLLAGEN MATRIX

DERWENT-CLASS: B03 P34

CPI-CODES: B07-D09; B12-L03;

CHEMICAL-CODES:

Chemical Indexing M1 *03*

Fragmentation Code

M423 M431 M782 M903 V752

Registry Numbers

1704X 1724X 1711X 1714X

Chemical Indexing M2 *01*

Fragmentation Code

C316 F011 F012 F015 F521 H1 H181 H2 H201 H3

H321 H401 H481 H602 H681 K442 M210 M211 M212 M240

M271 M281 M312 M313 M321 M332 M342 M343 M362 M383

M391 M413 M431 M510 M521 M530 M540 M782 M903 M904

P310 P923

Markush Compounds

198908-10701-M

Registry Numbers

1704X 1724X 1711X 1714X

Chemical Indexing M2 *02*

Fragmentation Code

F011 F012 F015 F521 H1 H181 H2 H201 H3 H321

H4 H401 H481 H8 M210 M211 M240 M281 M312 M321

M342 M383 M391 M413 M431 M510 M521 M530 M540 M782

M903 M904 M910 P310 P923

Specfic Compounds

01257M

Registry Numbers

1704X 1724X 1711X 1714X

UNLINKED-DERWENT-REGISTRY-NUMBERS: 1257U

SECONDARY-ACC-NO:

CPI Secondary Accession Numbers: C1989-024644

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L3: Entry 1 of 1

File: DWPI

Jun 21, 1990

DERWENT-ACC-NO: 1990-194055

DERWENT-WEEK: 199026

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TITLE: Pharmaceutical implants - based on bio-absorbable carrier coated with bio-absorbable polyester lacquer

PATENT-ASSIGNEE:

ASSIGNEE

CODE

MELZER W

MELZI

PRIORITY-DATA: 1988DE-3841397 (December 8, 1988)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
<u>DE 3841397 A</u>	June 21, 1990		000	
<u>DE 3841397 C</u>	November 12, 1992		004	A61K047/34

APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
DE 3841397A	December 8, 1988	1988DE-3841397	
DE 3841397C	December 8, 1988	1988DE-3841397	

INT-CL (IPC): A61K 9/32; A61K 37/12; A61K 47/34; A61K 47/42

ABSTRACTED-PUB-NO: DE 3841397A

BASIC-ABSTRACT:

Pharmaceutical prods. comprise a porous bioabsorbable carrier coated with a bioabsorbable biodegradable aliphatic polyester lacquer. A drug is present on or in the carrier and/or in the lacquer. The carrier is a sponge, film, powder or granulate of collagen, fibrin, chitin or oxycellulose. The polyester is polyglycolic acid, polylactic acid, polyhydroxybutyric acid, polyhydroxypropionic acid or a glycolic/lactic acid copolymer.

USE/ADVANTAGE - The prods. are useful as implants, e.g. for local therapy of tumours. The lacquer coating provides controlled release of the drug.

ABSTRACTED-PUB-NO:

DE 3841397C

EQUIVALENT-ABSTRACTS:

Porous, resorbable carrier for pharmaceutical materials comprises a sponge or sheet coated with a resorbably, degradable aliphatic polyester. The pharmaceutical is on or in the carrier or in the coating. Pref. the carrier is fibrin, collagen, chitin or oxycellulose; the polyester is polyglycolic acid, polylactic acid, polyhydroxybutyric acid, polyhydroxypropionic acid, a copolymer of glycolic and lactic acid, or a mixt. of these. The carrier may contain the same or different pharmaceuticals in the carrier and in the coating. USE/ADVANTAGE - For antibiotics and cytostatics. The delayed release characteristics of the material can be varied

to give controlled, desired properties.

CHOSEN-DRAWING: Dwg.0/0 Dwg.0/0

TITLE-TERMS: PHARMACEUTICAL IMPLANT BASED BIO ABSORB CARRY COATING BIO ABSORB
POLYESTER LACQUER

DERWENT-CLASS: A96 B07 D22

CPI-CODES: A05-E01D1; A09-A; A12-V01; B02-G; B04-B04A6; B04-B04D2; B04-C02A2;
B04-C02E3; B04-C03D; B11-C04A; B12-G07; B12-M10A; D09-C;

CHEMICAL-CODES:

Chemical Indexing M1 *01*

Fragmentation Code

J011 J321 L814 L834 M210 M211 M262 M281 M320 M423
M424 M431 M740 M782 M903 N103 Q261 Q606 R046 R052
V600 V616 V711 V712 V713 V714 V735 V752

Registry Numbers

1327U 0502U

Chemical Indexing M1 *02*

Fragmentation Code

H4 H401 H481 H8 J0 J014 J1 J171 J2 J273
M280 M311 M312 M313 M323 M331 M332 M333 M340 M342
M349 M381 M393 M423 M424 M431 M510 M520 M530 M540
M620 M740 M782 M903 N103 Q261 R046 R052 V743

Registry Numbers

1327U 0502U

Chemical Indexing M2 *04*

Fragmentation Code

F012 F013 F014 F015 F016 F017 F019 F123 F199 G037
G563 H1 H101 H102 H121 H122 H162 H181 H4 H403
H405 H422 H424 H461 H481 H5 H522 H8 K0 L8
L814 L817 L818 L819 L821 L834 M1 M126 M129 M141
M149 M210 M211 M240 M273 M281 M282 M311 M312 M321
M331 M340 M342 M373 M391 M413 M424 M431 M510 M522
M530 M541 M740 M782 M903 M904 N103 P633 Q261 R046
R052 V0 V071

Specfic Compounds

03013M 03014M 03015M 03842M 03843M 03844M 03899M

Registry Numbers

1327U 0502U

Chemical Indexing M6 *03*

Fragmentation Code

M903 P633 Q261 Q606 R046 R052 R111 R120 R220 R307

Registry Numbers

1327U 0502U

POLYMER-MULTIPUNCH-CODES-AND-KEY-SERIALS:

Key Serials: 0004 0211 0231 1291 1840 1981 1982 1986 1989 2010 2318 2370 2386 2393 2422 2427
2437 2440 2507 2513 2524 2539 2541 2585 2606 2653 2675 2726 2729 2766

Multipunch Codes: 014 038 04- 143 144 157 195 231 240 247 252 253 256 259 316 332 385 393 398
402 408 409 414 42- 431 432 435 443 445 477 481 491 493 525 541 544 575 583 589 595 62- 645

SECONDARY-ACC-NO:

CPI Secondary Accession Numbers: C1990-083950